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August 5, 2005

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Commissioner for Patents
PO Box 1450
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Mail Stop RCE

Re: U.S. Utility Patent Application
Application No. 09/590,955; Filed: June 9, 2000
For: **Phase Shifting Applications of Universal Frequency Translation**
Inventors: Johnson *et al.*
Our Ref: 1744.0710005

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Credit Card Payment Form (PTO-2038) in the amount of **\$790.00** to cover the RCE filing fee;
2. Request for Continued Examination (RCE) Transmittal;
3. Preliminary Amendment Under 37 C.F.R. §1.115;
4. Submission of Drawings;
5. **154** sheets of Replacement Drawings, approval of which is respectfully requested;
6. Seventh Supplemental Information Disclosure Statement;
7. Form PTO-1449 (1 sheet) listing **9** cited documents (**AA62-AG62, AM23 and AR59**);
8. A copy of **2** cited documents (**AM23 and AR59**); and
9. One (1) return postcard.

Commissioner for Patents
August 5, 2005
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It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

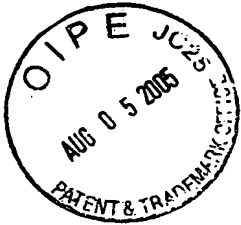
Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Enclosures
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Johnson *et al.*

Appl. No.: 09/590,955

Filed: June 9, 2000

For: **Phase Shifting Applications of
Universal Frequency Translation**

Confirmation No.: 2387

Art Unit: 2634

Examiner: Odom, Curtis B.

Atty. Docket: 1744.0710005

Submission of Drawings

Mail Stop RCE

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are 154 of Replacement Drawings with Figures 1A, 1B, 1C, 1D, 2A, 2B, 3, 4, 5, 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6H, 6I, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 15C, 15D, 15E, 15F, 16, 17, 18, 19, 20A, 20A-1, 20B, 20C, 20D, 20E, 20F, 21, 22A, 22B, 22C, 22D, 22E, 22F, 23A, 23B, 23C, 23D, 23E, 23F, 24A, 24B, 24C, 24D, 24E, 24F, 24G, 24H, 24I, 24J, 25A, 25B, 25C, 25D, 25E, 25F, 25G, 25H, 25I, 25J, 25K, 26A, 26B, 27A, 27B, 27C, 27D, 27E, 27F, 28A, 28B, 29, 30A, 30B, 30C, 30D, 31A, 31B, 31C, 32A, 32B, 32C, 33A, 33B, 33C, 33D, 34A, 34B, 35A, 35B, 35C, 36, 37, 38, 39, 40, 41, 42, 43, 44A, 44B, 45A, 45B, 46, 47, 48, 49A, 49B, 50A, 50B, 51A, 51B, 52, 53, 54, 55, 56, 57A, 57B, 57C, 58A, 58B, 58C, 59, 60, 61A, 61B, 62, 63A, 63B, 64, 65A, 65B, 66A, 66B, 67A, 67B, 67C, 67D, 68A, 68B, 68C, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78A, 78B, 78C, 78D, 79, 80A, 80B, 81, 82, 83, 84, 85, 86, 87A, 87B, 88, 89, 90A, 90B, 91A, 91B, 91C, 91D, 92A, 92B, 92C, 92D, 93A, 93B, 93C, 93D, 93E, 94, 95, 96A, 96B, 96C, 97, 98A, 98B, 99A, 99B, 99C, 100, 101, 102, 103, 104, 105, 106, 107A, 107B, 107C, 108, 109, 110, 111A, 111B, 111C, 111D, 111E, 111F, 112, 113, 114, 115, 116A, 116B, 117A, 117B, 118A, 118B, 118C, 118D, 118E, 118F and 119, corresponding to the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment

of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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